

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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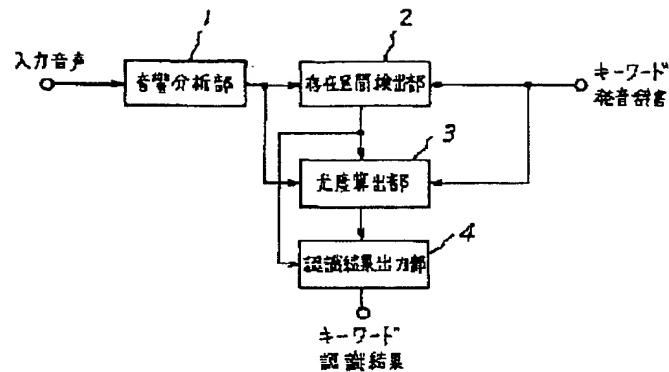
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TITLE : WORD SPOTTING TYPE METHOD  
AND DEVICE FOR RECOGNIZING  
VOICE



ABSTRACT : PURPOSE: To provide word spotting type method and device for recognizing a voice with less source error, with high recognition precision and rapidly recognizing.

CONSTITUTION: Vowel candidates of input voices at respective times are obtained using a standard pattern of a vowel, and they are made correspond to a vowel line in a key word pronunciation dictionary, and an existing section of a key word in the input voice is detected (2), and the likelihood of the key word in the detected existing section is obtained by a hidden Markov model (3), and the voice recognition result is outputted from the existing section of the detected key word and the obtained likelihood.

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